

SOLICITATION N62645-00-R-0015

The Naval Medical Logistics Command intends to negotiate with vendors on an open competition basis to procure diagnostic ultrasound systems for Naval Medical Treatment Facilities worldwide. Offerors are required to forward technical documentation by 1 Aug 00. The technical documentation will be compared to the essential minimum salient characteristics. Those offerors who propose units supported by associated technical documentation that meets or exceeds the essential minimum salient characteristics will be invited to perform a demonstration of their product on 8 Aug 00 in Northern Maryland. The requirement is for high end diagnostic ultrasound systems that shall consist of a diagnostic ultrasound unit that has the following essential minimum salient characteristics:

1. Unit shall consist of a system capable of providing digital anatomical imaging for abdominal, vascular, obstetrical, gynecological, and small parts applications.
2. The system shall be in compliance with the following standards:
 - a.) American Institute of Ultrasound in Medicine (AIUM) RTD-Standard for Real Time Display of Thermal & Mechanical Acoustic Output Indices on Diagnostic Ultrasound Equipment.
 - b.) AIUM/NEMA acoustic output measurement and labeling standard for diagnostic ultrasound equipment. AOM 1992.
 - c.) ANSI/AAMI HE48-Human Factors Engineering Guidelines
 - d.) Digital Imaging and Communications in Medicine (DICOM) Standard
3. Shall have the capability for digital Doppler imaging with color flow mapping.
4. Shall operate in B-Mode, M-Mode, and simultaneous B-Mode/M-Mode.
5. Shall have adjustable transmit and dynamic receive focus.
6. Shall have the digital image archive and cine image storage capability.
7. Shall have cardiac, vascular, and OB/GYN analysis packages.
8. Shall have digital calipers to measure the length, area, circumference, or volume of a structure.
9. Shall have image zoom and freeze frame capability.
10. Shall include a monitor to display images, measurements, and scan parameters and shall have the capability of printing hardcopy images to either film or paper.
11. Shall have a data entry keyboard to permit the entry of patient information to be displayed along with the scanned image.
12. Shall have nominal external dimensions consistent with portable requirements for shared utilization within or across healthcare facilities.
13. Shall be designed to accommodate future upgrades.

Demonstration shall consist of the following parameters:

- 1) Vendors are limited to three (3) personnel to represent their company
- 2) Volunteers will be provided for timed scans
- 3) Three (3) scans will be accomplished: thyroid, abdomen, and vascular
- 4) Scans will be limited to 10 minutes for thyroid and abdomen scans
- 5) Scans will be limited to 15 minutes for the vascular scan
- 6) Applications personnel from each vendor will scan during the timed portion of the demonstration
- 7) If time permits, attending Government sonographers will be allowed to scan
- 8) A hard copy image will be produced on an Eastman Kodak 8700 Dry Laser Printer if accessible. Otherwise, a paper copy will be produced.

Demonstrations and system technical evaluation shall be conducted at the same time on 8 Aug 00. The offerors who provide the three to five top ranked systems will be requested to provide the following (NOTE: Number depends on number of systems demonstrated, i.e. greater than 5 = 5; 5 or less = 3):

Past Performance Information - to include:

- Agency name
- Agency point of contact and telephone number
- Contract number
- Type and number of units provided

Performance Information - to include:

- Delivery after receipt of order (ARO)
- Reliability
- Maintainability
- Portability
- DICOM

Pricing on the following items:

Diagnostic Ultrasound System - to include:

- Diagnostic Ultrasound unit
- 4 Transducers
- Operators Manual
- Maintenance Manual
- Complete installation to make unit fully operational

Optional Attachments:

- To be named

All responsible sources may provide technical documentation, as stipulated above, which shall be considered by the Navy. Proposals may be submitted by mail, email (DRBlackstone@US.med.navy.mil) or fax. Proposals are due by 3 p.m. on 1 August 2000 at Naval Medical Logistics Command, Attn: Code 022 (Donna Blackstone), 521 Fraim Street, Fort Detrick, MD 21702-5015. Fax (301) 619-6793; email DRBlackstone@US.med.navy.mil. Contract Specialist: Donna R. Blackstone (301) 619-2602.